



Please return registration card by **April 2, 2001.**

There is **NO REGISTRATION FEE** required for this 2-1/2 day workshop, but it does require *active* participation. Please plan to attend the entire 2-1/2 days.

Dress for the workshop is casual.

The industry tours often require a lot of walking. If you are unable to walk long distances, please let us know in advance so we can make any necessary preparations.

If you have any special needs or questions that we can address to make your participation more enjoyable, please call (423-543-5422) or email (mers@usit.net) the conference organizers.

McPherson Environmental Resources, Inc.
109 South Riverside Dr.
Elizabethton, TN 37643-3323

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General Information

The U.S. Department of Energy's Office of Defense Programs' Eighteenth Biannual Pollution Prevention Technology Workshop will be held May 1-3, 2001 (Tuesday morning through Thursday noon) at the Doubletree Hotel, Novi/Detroit, Michigan. Registration and reception will be on Monday, April 30, from 5:00 P.M. to 7:30 P.M. Working group discussions will address activities related to the following topic areas:

- Continuous Environmental Improvement
- Design for Environment
- Employee Awareness Tools
- Environmental Management Systems
- Life Cycle Management
- Sustainable Development

The workshop will be directed toward those individuals involved in daily operations at DOE facilities and laboratories. We will be partnering with Detroit area companies who have shown themselves to be leaders in pollution prevention.

Registration

Registration is required—please return your registration form by April 2, 2001. There is NO REGISTRATION FEE for this 2-1/2 day workshop, but it does require active participation. As a courtesy to other participants and our hosts, please plan to attend the entire 2-1/2 days.

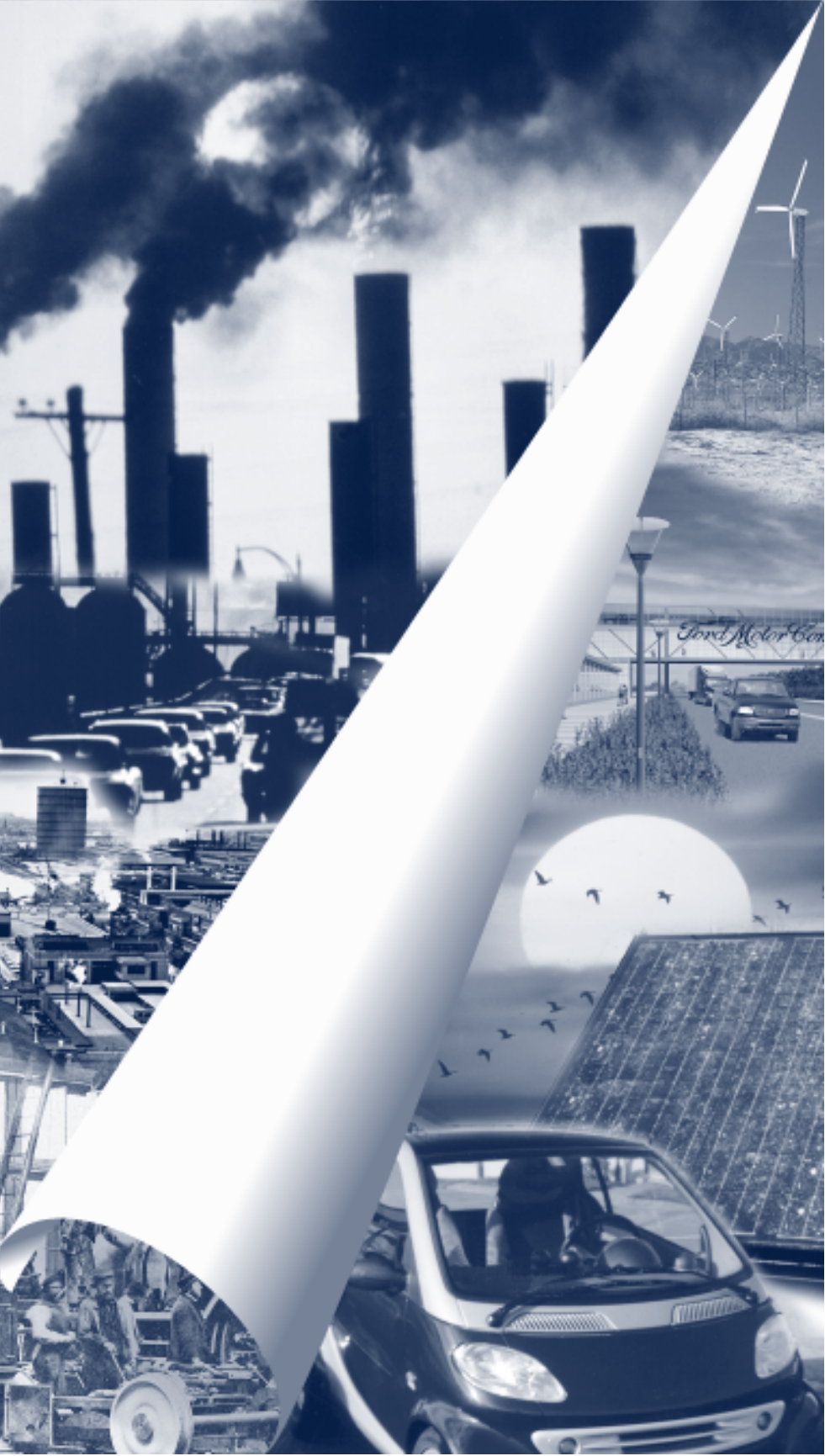
Conference Facilities/Hotel Accommodations

Workshop participants will be staying at the Doubletree Hotel - Novi/Detroit, located at 27000 Sheraton Drive, Novi, Michigan, 48377. A block of rooms has been reserved for attendees at the government rate of \$94 (not including tax) per night. The hotel guarantees rooms for workshop attendees at the current per diem rate until April 16, 2001. After this date, rooms can be purchased as available. To make your reservations, call the Doubletree Hotel at 800-713-3513 or 248-348-5000 and ask for in-house reservations. Be sure to request the group rate for the DOE Pollution Prevention Workshop.

Comments From Past Participants

- *"great learning atmosphere"*
- *"I LOVED the tours. To see other organizations' environmental successes is really inspiring."*
- *"the tours were excellent—most valuable"*
- *"Your workshops offer us an opportunity to learn something new, network with our peers, see how industry is addressing the environmental challenge, and inspire us to continue the struggle. Thank you for putting these on!"*
- *"by far one of the best workshops I have ever attended"*
- *"What a great, hands-on experience."*
- *"I appreciate the chance to share information and learn from the other participants—thank you for the opportunity!"*
- *"This is the BEST opportunity the DOE provides us for networking and learning about new practices!"*

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Greetings!

For years now people have argued about the definition and even the efficacy of the term “pollution prevention.” The same is true of the catch phrase “sustainable development.” Those who feel they know instinctively what does and what does not support the conceptual frameworks of these two strategies often believe that those who are not comfortable with the terms are recalcitrant naysayers. And sometimes this is true. More often, however, the reason these terms seem inadequate is that they do not seem to derive from existing circumstances and therefore seem to have little or nothing to do with our agency’s current and planned activities and mission.

The first term, after all, starts with a negative concept—“pollution”—ironic since the whole message of the phrase is to reduce upfront or at the source. The second term sounds like a reference to something altogether new and although it may be applied to our operations and our growth, the term itself doesn’t seem rooted in our current ways of doing business.

With the new focus on environmental management systems, we are finding that private industries are adopting a new and perhaps more appropriate term to describe their plans for an environmentally responsible future. Continuous environmental improvement implies action now and later and the term suggests a continuum—not progress in fits and starts as goals are modified or as regulations evolve. Most importantly, the phrase only has meaning when it is applied to dynamic operations and processes.

The 18th Biannual Pollution Prevention Hands-On Training Technology Workshop in Detroit will give you a chance to appreciate the trends that companies in the private sector are following, often aided by the guiding light referred to above as continuous environmental improvement. We will be visiting no-nonsense, successful businesses that have found that tools such as environmental management systems, life cycle analyses, design for environment and, yes, even sustainable development, have benefitted them in ways they would never have imagined. All topic area groups will see numerous examples of this solid approach to ensuring that improvements are real and enduring rather than short-sighted and ephemeral.

I hope to see you in Detroit as we explore tools to facilitate rolling the Wheels of Change in a positive direction.

John Maschitz



Topic Group Descriptions

Continuous Environmental Improvement - Ongoing and constant, but forever "adjusting"—do these words describe your environmental programs? According to the President's Council on Sustainable Development, "The new environmental management framework of the 21st century will be one that drives continuous environmental improvement to accompany continuous economic and social gains." Inefficient on-again/off-again efforts must become a thing of the past: if we are to achieve truly clean manufacturing practices, a long-term commitment must be made to continually seek ways to reduce the environment impact of our activities. But what does this mean in terms of our everyday work practices? Group members will learn more about this concept and its importance to them as they tour a facility of an environmental leader.

Design for Environment - Design for Environment (DfE) can be either an end result or the very first step to achieving sustainability. Usually, the term refers to a concept that embodies the true spirit of pollution prevention through the design of products, processes, and buildings so that waste and pollution are not aspects of any phase of their life cycles. Manufacturing steps, packaging and shipping, consumer use, reuse or recycling, and final disposition all present opportunities to the designers to reduce energy and material use and overall environmental impact. Participants in this group will learn from an internationally known corporation who is employing the DfE concept to ensure that its processes and products are as environmentally benign as possible.

Employee Awareness Tools - ISO 14000 specifies that organizations must require all personnel to know and understand the importance of conformance with the company's environmental policy and procedures, the potential impact of their work activities, and the environmental benefits of improved personal performance. This requirement poses a continuous challenge to businesses—keeping employee environmental awareness fresh and current in a sea of changing circumstances on both the industrial and regulatory fronts is no easy task. This group will visit a company that has developed innovative and effective methods to keep workers informed and involved relative to the environmental significance of the work they do in the whole scheme of things.

EMS - An Environmental Management System (EMS) is a management tool designed to ensure that an organization's environmental priorities and interests are incorporated into operations and planning processes. Once an option for DOE facilities, EO 13148 (*Greening the Government Through Leadership in Environmental Management*) now requires the implementation of Environmental Management Systems by Federal facilities by 2005. Workgroup members will visit a facility which faces many of the same challenges as DOE, and will learn why the hurdles are worth the benefits (many of which were unexpected) when one decides to integrate an EMS into existing business practices and strategies.

Life Cycle Management - Although environmentally friendly products and processes are often disregarded and underutilized because of real or perceived higher initial costs, they are in many cases the most cost effective choice. Life Cycle Management requires one to estimate all costs of all types (e.g. environmental, health and safety) for the entire life of a product when determining the cost of not only buying, but also of using and disposing of, a product. Hidden costs can often tip the scale in favor of products that require less or no regulation and fewer to zero safety precautions. This group will learn from a corporation who is effectively utilizing Life Cycle Management tools throughout its operations and saving money in the process.

Sustainable Development - The term "sustainable development" has been defined as "an approach designed to meet the needs of the present without compromising the ability of future generations to meet their own needs." The main driver behind this concept is the need to address the obsolete opinion that economic development and environmental protection are incompatible. The most successful businesses in the United States today are ones who are profiting from the investments they have made to switch to more sustainable practices in manufacturing, research and development. This group will visit a turn-of-the-century facility that is being transformed into a model for sustainability.

***Topic group site visits are subject to change; please check the workshop webpage for updated information.*



WORKSHOP REGISTRATION FORM

Name _____

First name preferred for name tag _____

Title _____

Organization _____

Address _____

Telephone _____

Fax _____

Email _____

Do you plan to attend the registration/reception on April 30th? yes _____ no _____

Topic of Interest: (1st Choice) _____

 (2nd Choice) _____

 (3rd Choice) _____

In keeping with the theme of this workshop, you have the opportunity to help make this a "green" event. Please indicate your preference below.

I _____ (do) _____ (do not) wish to have my soap replaced on a daily basis during the length of my stay.

I _____ (do) _____ (do not) wish my sheets to be replaced daily during my stay.

Recycle bins will be available in and around the workshop rooms and will be clearly marked for convenient disposal of your paper waste. Thank you for doing your part to minimize waste.

Workshop Registration Information

Workshop Registration is limited to 85 participants: so fill out, detach, and mail or fax the registration form to MER, Inc. by **April. 2, 2001**. For more information, please contact workshop coordinators at 423-543-5422. If you prefer to fax your registration, please send it to the number listed below. No cover sheet is necessary. Email registration is also available at <http://www.dp.doe.gov/dp45/p2>.

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